

Project Summary Sheet

Project Name: Pleasant Valley Flood Control

Tracking No: 4037

Location: Vacaville

County: Solano

Project Sponsor: City of Vacaville, Public Works Dept.

Point of Contact: Rod Moresco, P.E., Deputy Director (707) 469-6500

Co-applicant(s): N/A

Assembly District: #2

Senate District: #5

Project Description (including size):

The project proponent plans to secure an easement that will enable them to develop 2 detention ponds (10-15 acre feet in size) that will stop periodic flooding, which impacts several hundred homes, damage to vehicles and keep the streets available for emergency vehicles. This project is designed to prevent flooding in a heavily urbanized area of Vacaville.

Flood Benefits:

Flows from the westerly Vaca Mountains will be detained in a manner that will allow for natural flows in the open/upper watershed but flows will be controlled as the stream enters the residential areas by use of the detention ponds. This will allow maximum flows within the storm drain protecting 265 parcels and 10 streets from flooding.

Agricultural Benefits:

The project site is located on the grazing portion of the Agricultural lands adjacent to the developed neighborhood. Providing retention ponds will reduce erosion and flooding in the grazed areas.

Agricultural Land Conserved, acres, if any: None

Wildlife Benefits:

The project will extend vegetative buffers into the grazing areas and provide linkage to other riparian corridors of Alamo and Encinosa Creeks. Approximately ½ to 1 acre of vegetative cover will be created. Also, by controlling the stream velocities, the project will reduce bank erosion, and provide some soil stabilization in the downstream corridor.

Wildlife Habitat Conserved, acres, if any: Approximately 60 acres for an easement/or acquisition. Detention ponds will only utilized land to retain 1—15 acre-feet of floodwater.

Total area conserved: 60 acres

Other Benefits:

Ensures no development on 60 acres.

Total Cost: \$ 3,500,000

FPCP Cost: \$ 800,000

Funding Partners and Share of Cost:

Local Funds - \$50,000

In-Kind Contributions – \$60,000

Additional Funding sources - \$2,590,000